HEALTH SCIENCES
Sample North Dakota Career Cluster Plan of Study
www.nd.gov/cte • www.careerclusters.org

Name_____

School _____

Date _____

North Dakota CTE — Career and Technical Education

SAMPLE OCCUPATIONS RELATING TO THIS CAREER CLUSTER	
Pathway	**Occupations**
THERAPEUTIC SERVICES	Athletic Trainer • Dental Assistant/Hygienist • Occupational Therapist • EMT/Paramedic • Physician • Nurse • Veterinarian
DIAGNOSTIC SERVICES	Lab Technician • Phlebotomist • Geneticist • Nutritionist • Psychologist • Radiologist • Toxicologist • Pathologist
HEALTH INFORMATICS	Health Information Coder • Admitting Clerk • Transcriptionist • Medical Librarian
SUPPORT SERVICES	Dietary Technician • Hospital Maintenance Engineer • Environmental Services Technician
BIOTECHNOLOGY RESEARCH & DEVELOPMENT	Research Scientist/Assistant • Pharmacist • Microbiologist • Biostatistician

SUGGESTED COURSE OF HIGH SCHOOL STUDY
It is suggested that students consider appropriate dual credit, articulation, or advanced placement opportunities for postsecondary credit.

English (four units required to graduate)	Math (two units required to graduate)	Science (two units required to graduate)	Social Studies (three units required to graduate)	Physical Education (one unit required to graduate)	North Dakota Career & Technical Education and Other Electives (one unit of foreign or Native American language, fine arts, or career and technical education required to graduate)	Additional Suggested Learning Opportunities
❑ English I ❑ English II ❑ English III ❑ English IV ❑ Speech	❑ Algebra I ❑ Geometry ❑ Algebra II ❑ Trigonometry	❑ Physical Science ❑ Biology ❑ Physics	❑ World History ❑ U.S. History ❑ Government ❑ Sociology ❑ Psychology ❑ Economics	❑ Physical Education ❑ Health	❑ Introduction to Health Science ❑ Health Careers ❑ Health Careers II ❑ Advanced Health Careers ❑ Independent Living ❑ Computer Applications ❑ Business Communications ❑ Human Development	**School-Based:** ❑ SkillsUSA ❑ Student Government ❑ Career Research ❑ Service Learning Project ❑ Job Shadowing ❑ Cooperative Education ❑ Internship **Community-Based:** ❑ Mentorship ❑ Volunteer ❑ Part-time Employment

SAMPLE NORTH DAKOTA POSTSECONDARY PROGRAMS RELATED TO THIS CAREER CLUSTER			
Pathway	**Associate Degree or Less**	**Bachelors Degree**	**Masters Degree or More**
THERAPEUTIC SERVICES	❑ Massage Therapy ❑ Dental Assisting ❑ Dental Hygiene ❑ EMT - Paramedic Technician	❑ Occupational/Physical Therapy ❑ Nurse Practitioner/Specialist ❑ Veterinary Technician	❑ Occupational Therapy ❑ Advanced Nursing Practice ❑ Medicine (physician)
DIAGNOSTIC SERVICES	❑ Phlebotomy Technician ❑ Dietetics ❑ Clinical Laboratory Technician	❑ Food & Nutrition/Community Nutrition ❑ Clinical Lab Science	❑ Clinical Lab Science/Management
HEALTH INFORMATICS	❑ Health Information ❑ Medical Coding ❑ Medical Transcription		
SUPPORT SERVICES	❑ Human Resource Development/Mgmt.	❑ Facility Management ❑ Human Resource Development/Mgmt. ❑ Occupational Safety & Environmental Health	
BIOTECHNOLOGY RESEARCH & DEVELOPMENT	❑ Pharmacy Technician	❑ Pharmaceutical Sciences	❑ Pharmaceutical Sciences ❑ Pharmacy Doctorate

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